

**SWITCH DEVICE**

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EC Classification:

Equivalents:

**Abstract**

**PURPOSE:** To provide the switch device from which lots of information is provided without selection of commands.

**CONSTITUTION:** The switch device 1 outputs an electric signal depending on a switch manipulated variable of a switch and its operation time, and the electric signal is given to an information processing unit 7. The switch 1 is made up of a switch 3 generating a signal related to a manipulated variable when in operation and a signal output means 5 for converting the signal of the manipulated variable of the switch 3 into a signal related to its operation time. A button 14 is fixed movably vertically to a cover 13 of the switch 3; a movable contact 15 is fixed to a lower end of the button 14 and always energized to an upper position by a coil spring or the like. Semicircular conductors 18 are arranged at a gap 19 opposite the movable contact 15 made of a conductive rubber G having a prescribed resistance and they form a disk as a whole. Then a change in the resistance between both the semicircular conductors 18 is outputted from the switch 3 as a signal related to the manipulated variable and the signal output means 5 outputs a signal relating its operation time.

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7 情報処理装置  
 8 情報処理装置  
 71 CPU  
 72 インターフェース  
 81 CPU  
 82 インターフェース  
 13 カバー  
 14 ボタン  
 15, 15c, 15d 可動接点  
 15a 可動磁石

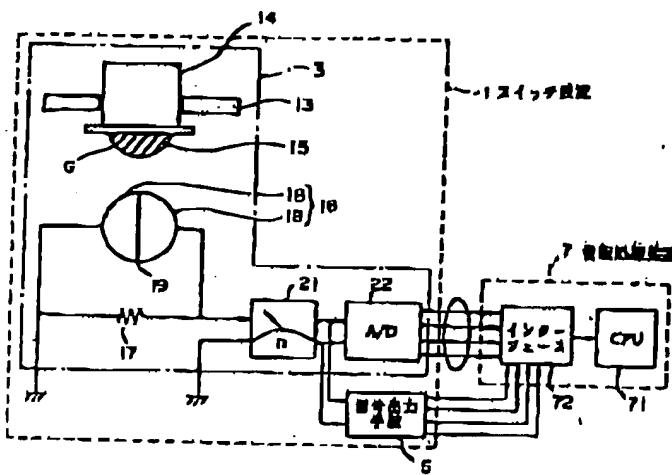
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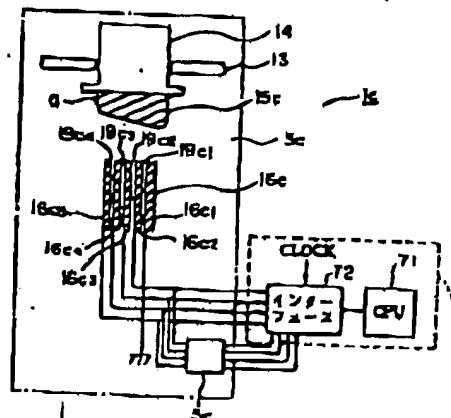
- \* 16b 可動電極
- 16. 16c, 16d 固定接点
- 16a 固定コイル
- 16b 固定電極
- 16c1 16c2, 16c3, 16c4, 16c5 電極
- 16d1 16d2, 16d3, 16d4, 16d5 電極
- 19 間隔
- 19c1 19c2, 19c3, 19c4 間隔
- 19d1 19d2, 19d3, 19d4 間隔

\*10

{四 1 }



〔四七〕



(图2)

